

June 23, 1958

Central Intelligence Agency
 Washington, D. C.

Attention: Contracting Officer

25X1

Subject: Contract No. XG-1995

Gentlemen:

We have examined our analytical records of the sodium borohydride supplied on the subject contract, and find that our assay differs substantially from the values that you report. Our record of assay is as follows:

| | <u>Assay</u> |
|----------|---------------------|
| Lot #172 | 97.5% 97.7 |
| Lot #182 | 98.4 98.3 |
| Lot #195 | 99.6 99.4 |
| Lot #201 | 98.0 <u>98.1</u> |

Average Purity = 98.4%

We have observed that when differences occur between our assay and others, they usually are based on either improper sampling and handling of the material or the use of unproven analytical methods. It is important to bear in mind that sodium borohydride is a very reactive chemical and when exposed to air, moisture is picked up and the assay of the sample found to be quite different from the main material. Further sample handling before it reaches a stage where it is ready for analysis also causes serious errors.

I would suggest that if possible we be given an opportunity to check the sample on which your results were obtained, as well as to be advised of the procedure of selecting the original sampling and the procedure for assay.

Doc 46 REV DATE 2/2/60 BY 25177 Very truly yours,
 ORIG COMP 236 OPI 52 TYPE 01
 ORIG CLASS 41 PAGES 1 REV CLASS C
 POST 22 NEXT REM 40 AUTH: HR 7:2

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President

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